LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030756.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.945	649	656	669	rVB	43184	91346	2.86%	0.248%
2	7.110	679	684	691	rBV	36558	61899	1.94%	0.168%
3	7.310	713	718	724	rVB	45771	77271	2.42%	0.210%
4	7.775	789	797	807	rBV	444847	723380	22.63%	1.963%
5	8.481	911	917	925	rBV	48950	88559	2.77%	0.240%
6	8.934	988	994	1001	rBV	39575	69529	2.17%	0.189%
7	9.651	1110	1116	1128	rBV	28127	52161	1.63%	0.142%
8	10.192	1202	1208	1219	rBV	39554	81834	2.56%	0.222%
9	10.557	1263	1270	1277	rBV	622875	1050770	32.87%	2.852%
10	10.710	1290	1296	1306	rBV	35082	76874	2.40%	0.209%
11	11.969	1504	1510	1517	rBV4	13641	35222	1.10%	0.096%
12	13.569	1776	1782	1793	rBV4	16605	46432	1.45%	0.126%
13	13.727	1802	1809	1814	rBV2	37342	66061	2.07%	0.179%
14	13.816	1819	1824	1828	rVV	106463	156987	4.91%	0.426%
15	13.863	1828	1832	1840	rVB	27171	46416	1.45%	0.126%
16	13.957	1844	1848	1852	rVV	20824	32570	1.02%	0.088%
17	14.092	1861	1871	1874	rBV	120767	192842	6.03%	0.523%
18	14.121	1874	1876	1883	rVB	93159	127344	3.98%	0.346%
19	14.404	1914	1924	1930	rBV	958948	1432834	44.82%	3.889%
20	14.463	1930	1934	1943	rVV	109523	179519	5.62%	0.487%
21	14.621	1954	1961	1970	rVV6	16958	48615	1.52%	0.132%
22	14.804	1980	1992	1999	rVV	73557	119572	3.74%	0.325%
23	14.880	1999	2005	2009	rVB	35177	50805	1.59%	0.138%
24	15.016	2022	2028	2033	rBV2	32357	61205	1.91%	0.166%
25	15.074	2033	2038	2042	rVB	28994	37896	1.19%	0.103%
26	15.192	2050	2058	2061	rBV3	27038	58602	1.83%	0.159%
27	15.392	2085	2092	2097	rVV	186566	288717	9.03%	0.784%
28	15.445	2097	2101	2111	rVV	206281	332753	10.41%	0.903%
29	15.545	2111	2118	2120	rVV5	17725	40155	1.26%	0.109%
30	15.610	2125	2129	2133	rVV4	27049	46403	1.45%	0.126%
31	15.657	2133	2137	2141	rVV2	27355	48504	1.52%	0.132%
32	15.745	2147	2152	2162	rVV	88032	149578	4.68%	0.406%
33	15.892	2167	2177	2184	rVV2	101026	232931	7.29%	0.632%
34	15.980	2184	2192	2198	rVB2	19974	34560	1.08%	0.094%
35	16.127	2212	2217	2223	rVB4	25291	42186	1.32%	0.114%
36	16.451	2263	2272	2277	rBV2	102240	200768	6.28%	0.545%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

37	16.498	2277	2280	2285	rVB2	36064	47677	1.49%	0.129%
38	16.598	2292	2297	2303	rVB	41289	61677	1.93%	0.167%
39	16.680	2303	2311	2314	rBV2	61871	110735	3.46%	0.301%
40	16.715	2314	2317	2321	rVB2	37517	48280	1.51%	0.131%
41	16.804	2328	2332	2338	rVB2	38557	62755	1.96%	0.170%
42	16.874	2339	2344	2350	rVV	59317	113370	3.55%	0.308%
43	16.957	2350	2358	2368	rVB	98091	201662	6.31%	0.547%
44	17.139	2383	2389	2393	rBV	1143511	1735016	54.27%	4.709%
45	17.186	2393	2397	2402	rVV	1689561	2363333	73.93%	6.414%
46	17.239	2402	2406	2408	rVV	192149	273439	8.55%	0.742%
47	17.274	2408	2412	2417	rVV	730399	1014380	31.73%	2.753%
48	17.327	2417	2421	2427	rVV2	38239	75772	2.37%	0.206%
49	17.580	2460	2464	2473	rVV2	34526	84687	2.65%	0.230%
50	17.657	2474	2477	2485	rVV	42021	71365	2.23%	0.194%
51	17.727	2485	2489	2497	rVB5	19998	53118	1.66%	0.144%
52	17.862	2508	2512	2517	rVB3	19567	31681	0.99%	0.086%
53	18.015	2532	2538	2542	rBV	235657	367633	11.50%	0.998%
54	18.062	2542	2546	2551	rVB	328587	448990	14.04%	1.219%
55	18.145	2554	2560	2565	rBV	190048	283364	8.86%	0.769%
56	18.209	2565	2571	2575	rVV3	394626	729502	22.82%	1.980%
57	18.245	2575	2577	2587	rVB	166837	208503	6.52%	0.566%
58	18.515	2618	2623	2628	rVB	184704	250846	7.85%	0.681%
59	18.762	2661	2665	2670	rBV2	51143	71569	2.24%	0.194%
60	18.809	2670	2673	2676	rBV	45307	48540	1.52%	0.132%
61	18.851	2676	2680	2684	rVB	48456	63827	2.00%	0.173%
62	18.927	2684	2693	2698	rBV2	122858	277862	8.69%	0.754%
63	18.998	2701	2705	2708	rBV	61544	86353	2.70%	0.234%
64	19.068	2714	2717	2720	rBV	33634	43152	1.35%	0.117%
65	19.198	2733	2739	2745	rBV	2353936	3196910	100.00%	8.676%
66	19.256	2746	2749	2752	rVV2	41645	56371	1.76%	0.153%
67	19.292	2752	2755	2759	rVB2	47759	67584	2.11%	0.183%
68	19.345	2759	2764	2769	rBV	248184	334678	10.47%	0.908%
69	19.527	2790	2795	2797	rBV3	559388	873776	27.33%	2.371%
70	19.556	2797	2800	2808	rVV	1518316	2112030	66.06%	5.732%
71	19.627	2808	2812	2819	rVB2	116941	200000	6.26%	0.543%
72	19.733	2826	2830	2836	rBV	137772	198182	6.20%	0.538%
73	19.874	2849	2854	2862	rBV4	146409	357070	11.17%	0.969%
74	20.015	2873	2878	2879	rBV2	101272	139603	4.37%	0.379%
75	20.050	2880	2884	2891	rVB2	417821	686084	21.46%	1.862%
76	20.150	2896	2901	2905	rVV	420712	552445	17.28%	1.499%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

77	20.203	2905	2910	2915	rVB2	164986	294025	9.20%	0.798%
78	20.303	2921	2927	2930	rBV3	72551	138232	4.32%	0.375%
79	20.345	2931	2934	2938	rVV	80335	121872	3.81%	0.331%
80	20.398	2939	2943	2953	rVB4	115785	219799	6.88%	0.597%
81	20.562	2968	2971	2976	rVB2	204389	223259	6.98%	0.606%
82	20.756	3000	3004	3008	rBV3	60414	108602	3.40%	0.295%
83	20.892	3024	3027	3031	rVB3	62144	72411	2.27%	0.197%
84	20.956	3036	3038	3041	rVV	68319	79184	2.48%	0.215%
85	20.997	3041	3045	3047	rVV	150279	203649	6.37%	0.553%
86	21.027	3047	3050	3057	rVB3	371252	522637	16.35%	1.418%
87	21.133	3066	3068	3071	rVB3	54187	50681	1.59%	0.138%
88	21.303	3091	3097	3101	rBV2	1690526	3140303	98.23%	8.523%
89	21.345	3101	3104	3113	rVB	766010	1035302	32.38%	2.810%
90	21.456	3119	3123	3130	rBV2	498887	587823	18.39%	1.595%
91	21.856	3188	3191	3194	rBV	112782	154355	4.83%	0.419%
92	21.892	3194	3197	3206	rVB2	452262	623046	19.49%	1.691%
93	22.356	3272	3276	3281	rBV	354089	487031	15.23%	1.322%
94	22.874	3358	3364	3370	rBV2	467919	1397612	43.72%	3.793%
95	23.056	3391	3395	3400	rVB	132511	213328	6.67%	0.579%
96	23.362	3443	3447	3452	rBV	128767	243566	7.62%	0.661%
97	23.433	3455	3459	3461	rBV2	197031	306763	9.60%	0.833%
98	23.562	3474	3481	3487	rBV2	745478	1439384	45.02%	3.906%
99	24.086	3565	3570	3580	rVB	186851	372182	11.64%	1.010%
100	24.833	3693	3697	3708	rVB	159228	324104	10.14%	0.880%

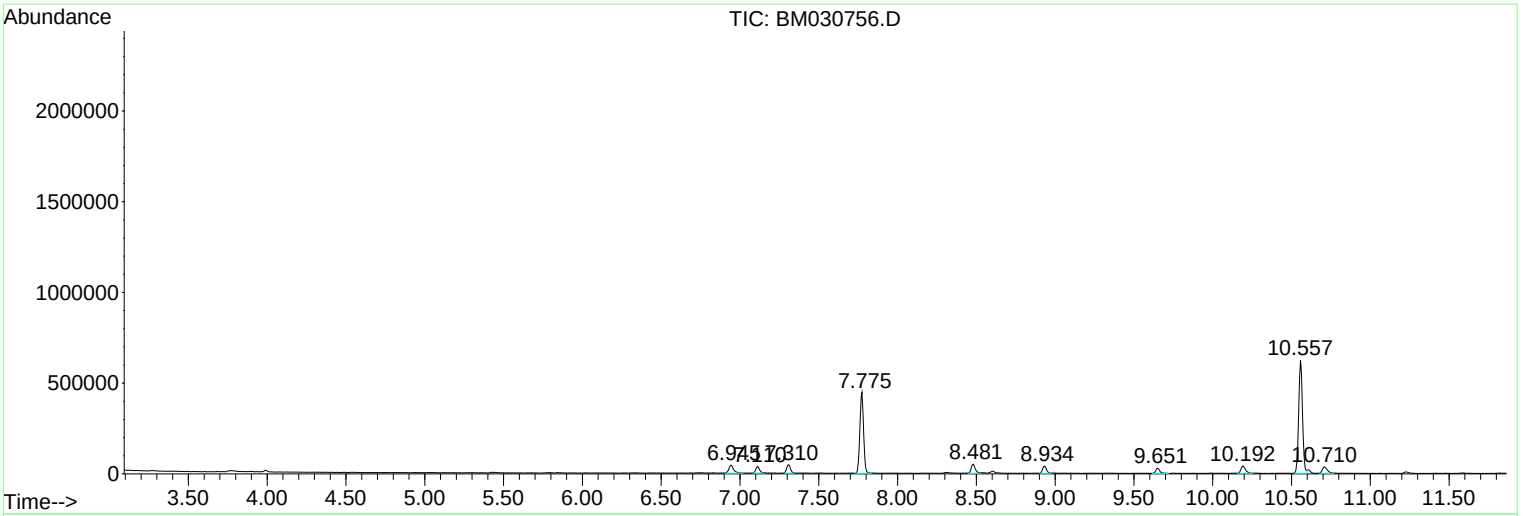
Sum of corrected areas: 36846071

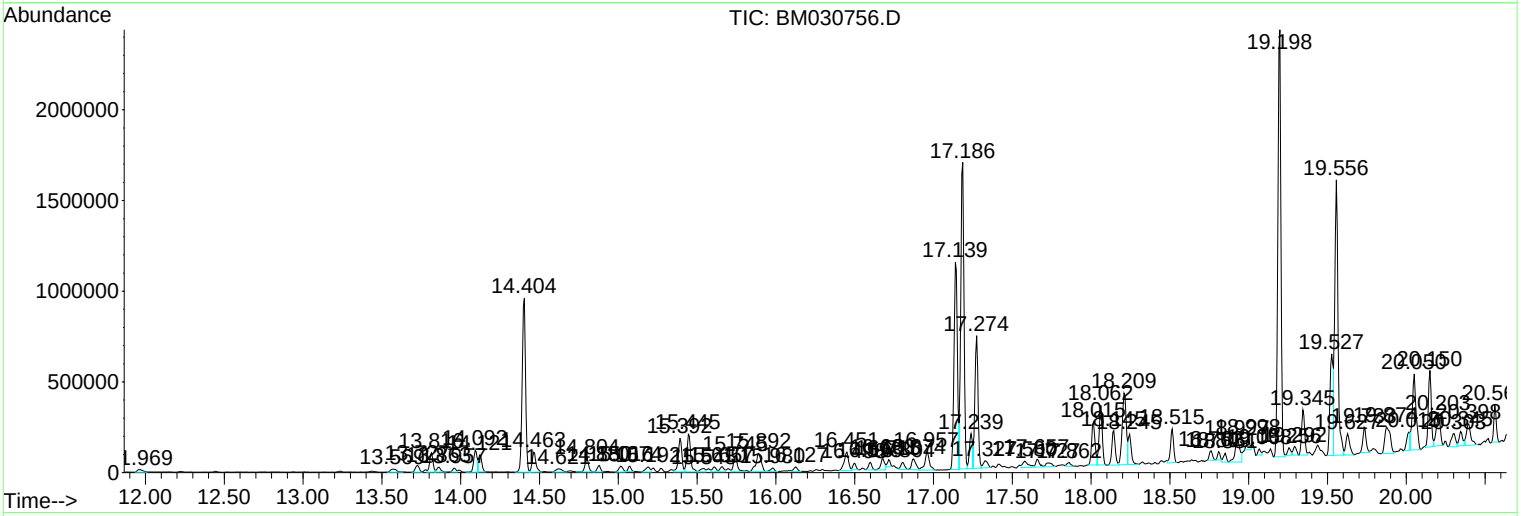
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

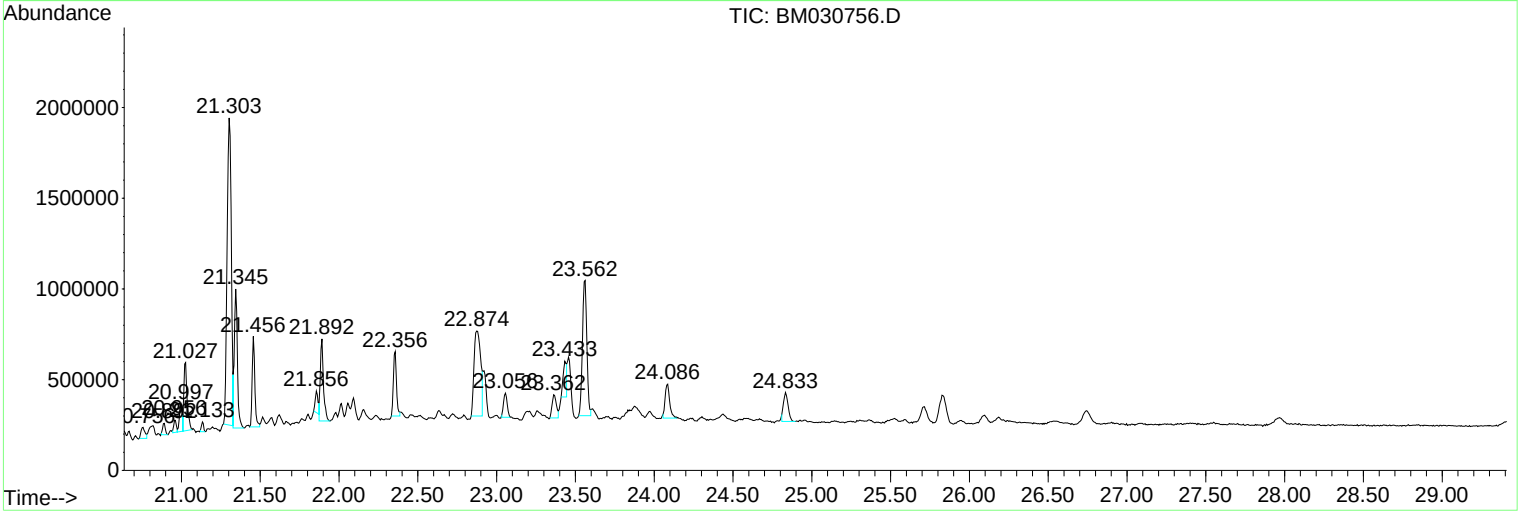
Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

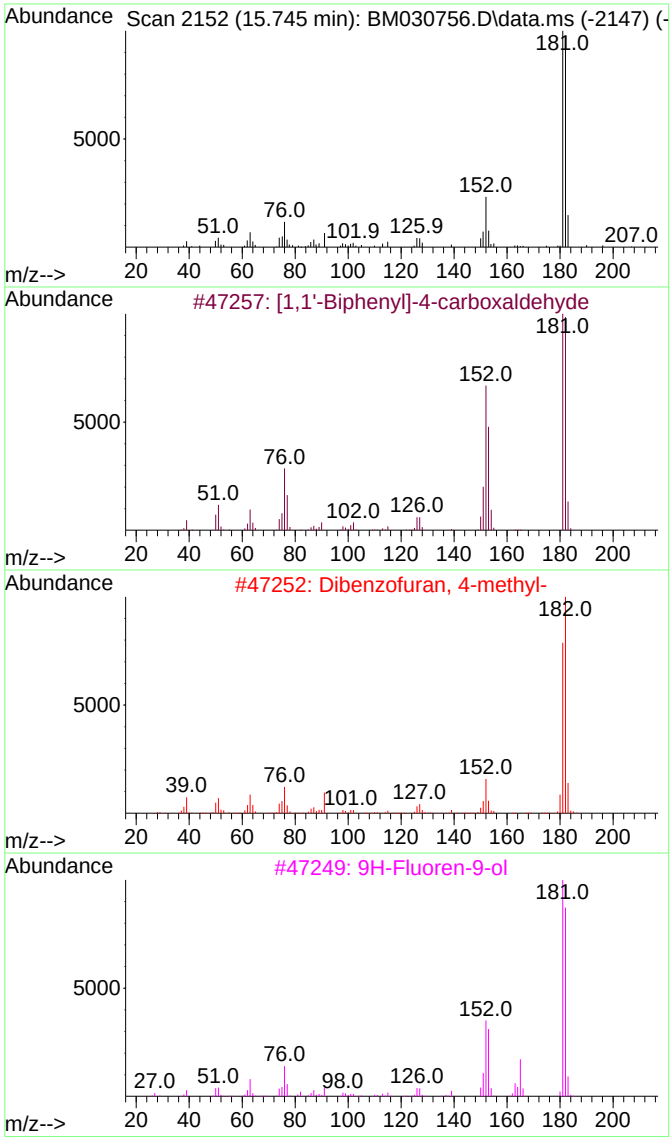
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

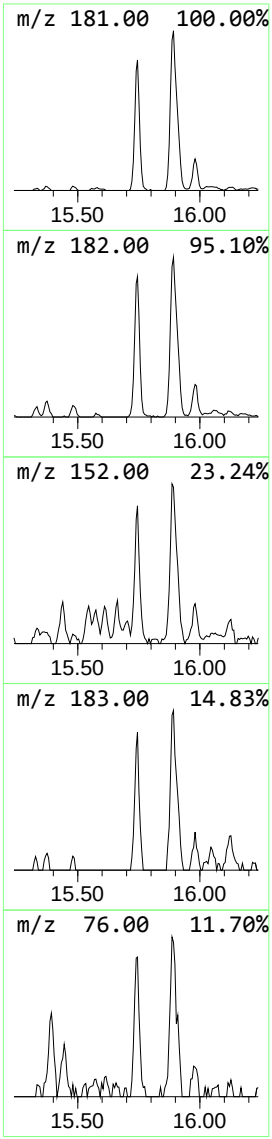
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	2.09 ng/ul	149578	Acenaphthene-d10	14.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	9H-Xanthene	182	C13H10O	000092-83-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

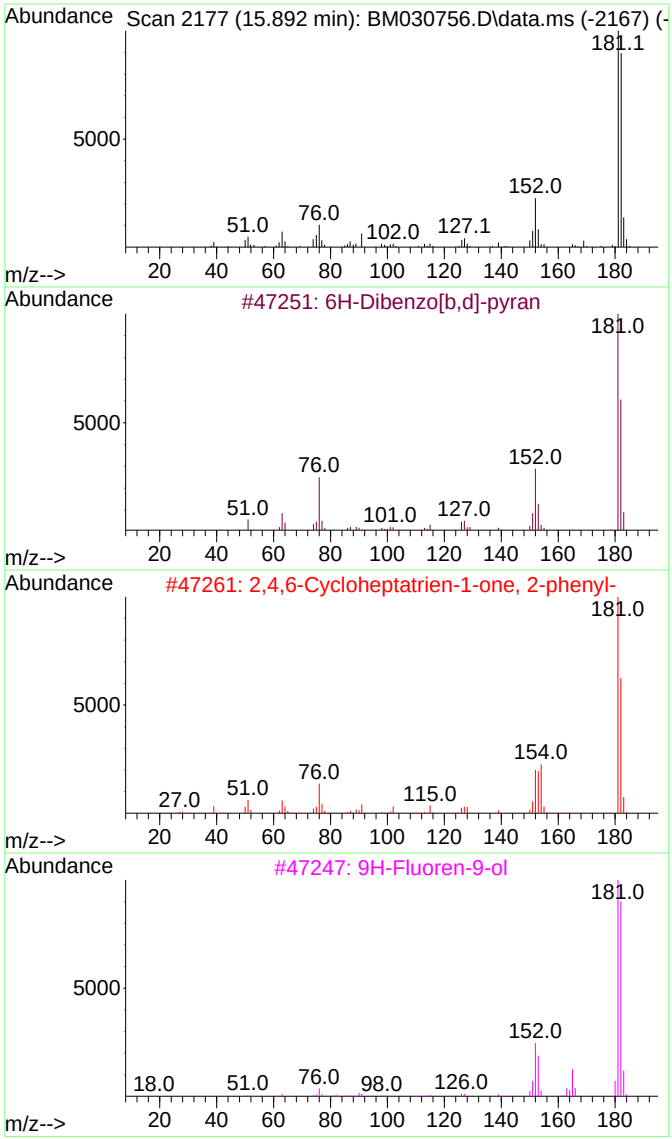
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

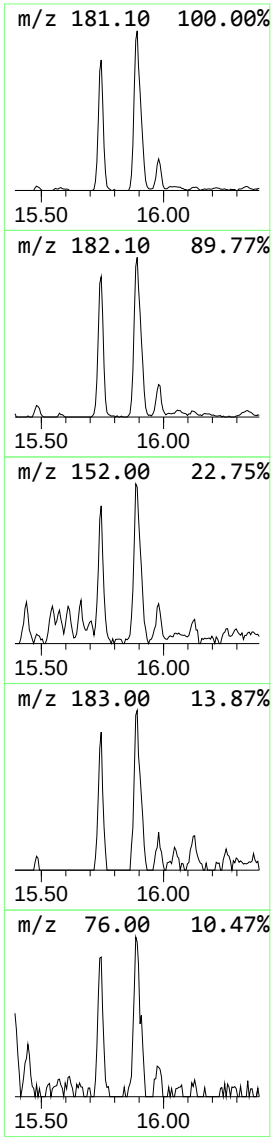
****

Peak Number 2 6H-Dibenzo[b,d]-pyran Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	2.69 ng/ul	232931	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

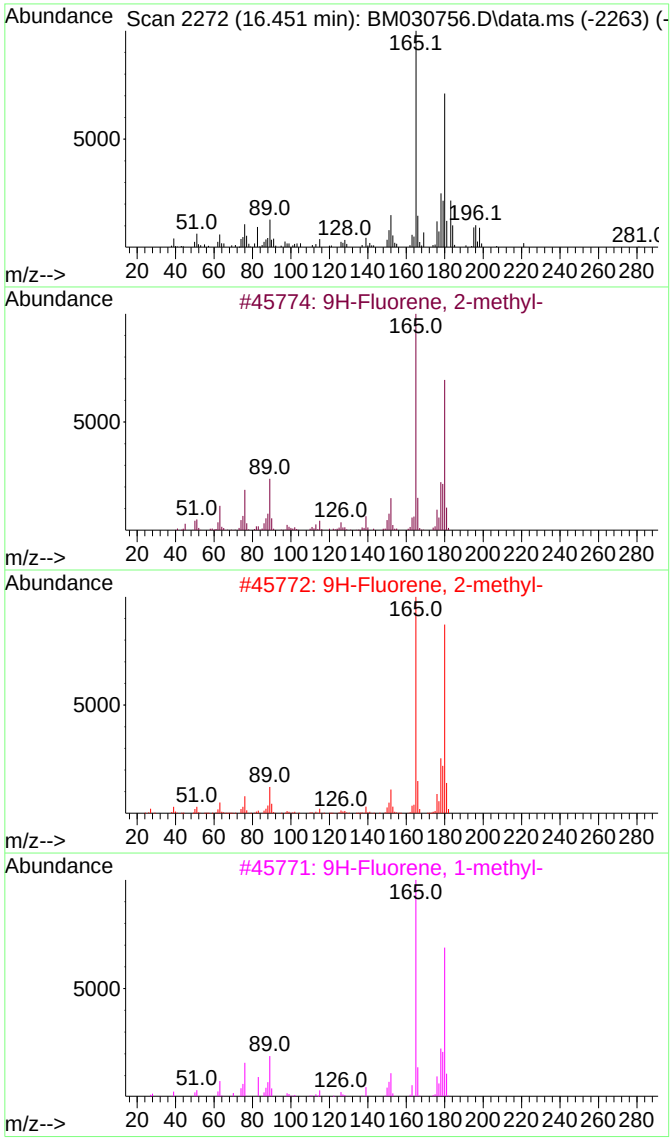
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

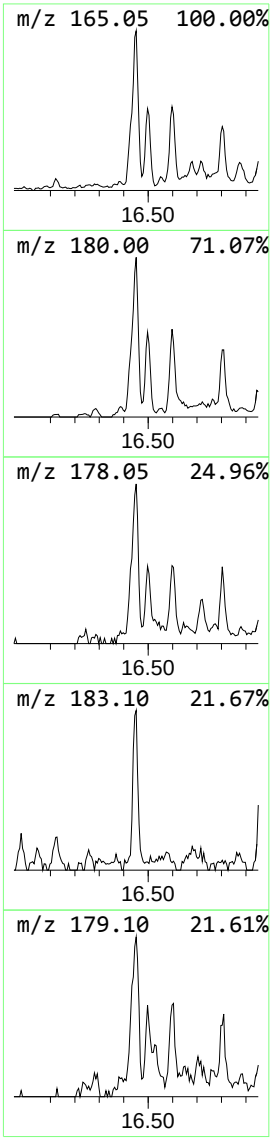
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.450	2.31 ng/ul	200768	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

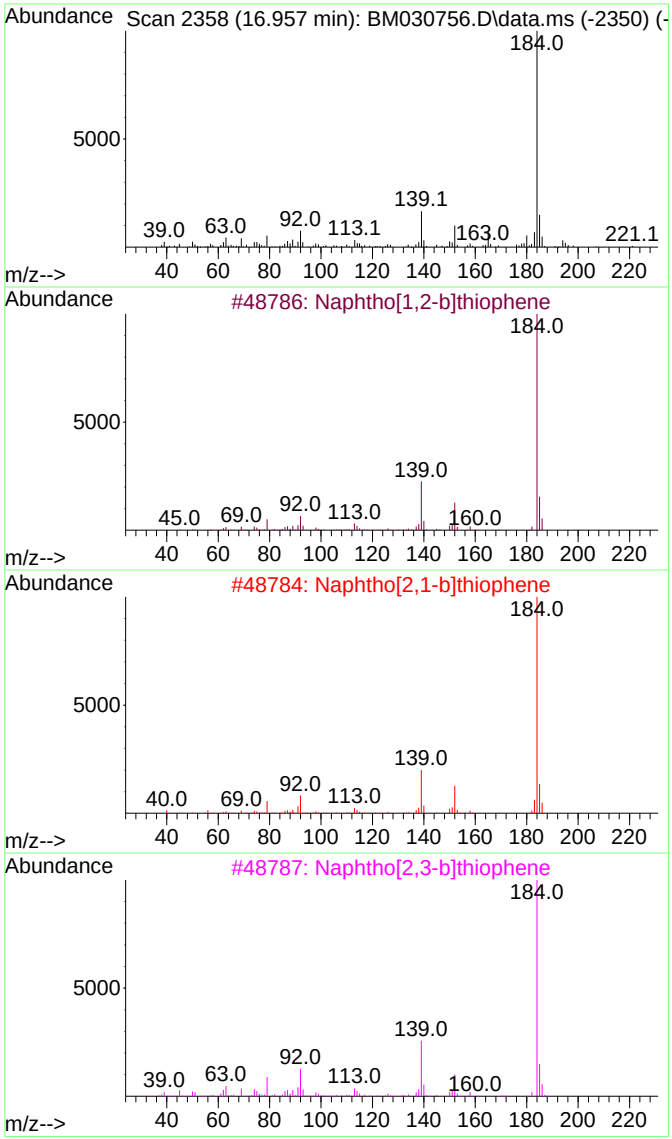
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

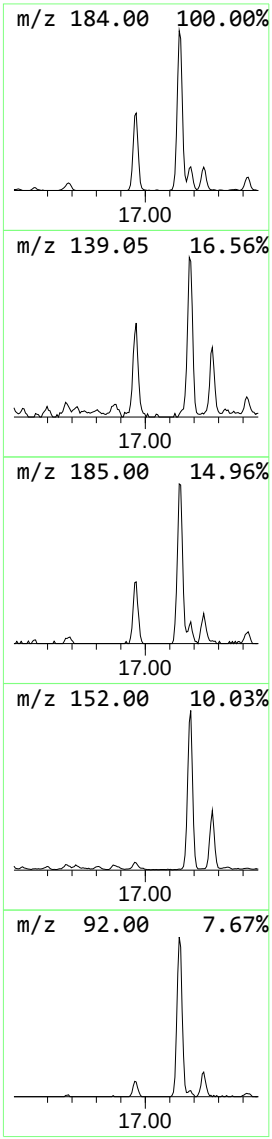
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.960	2.32 ng/ul	201662	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

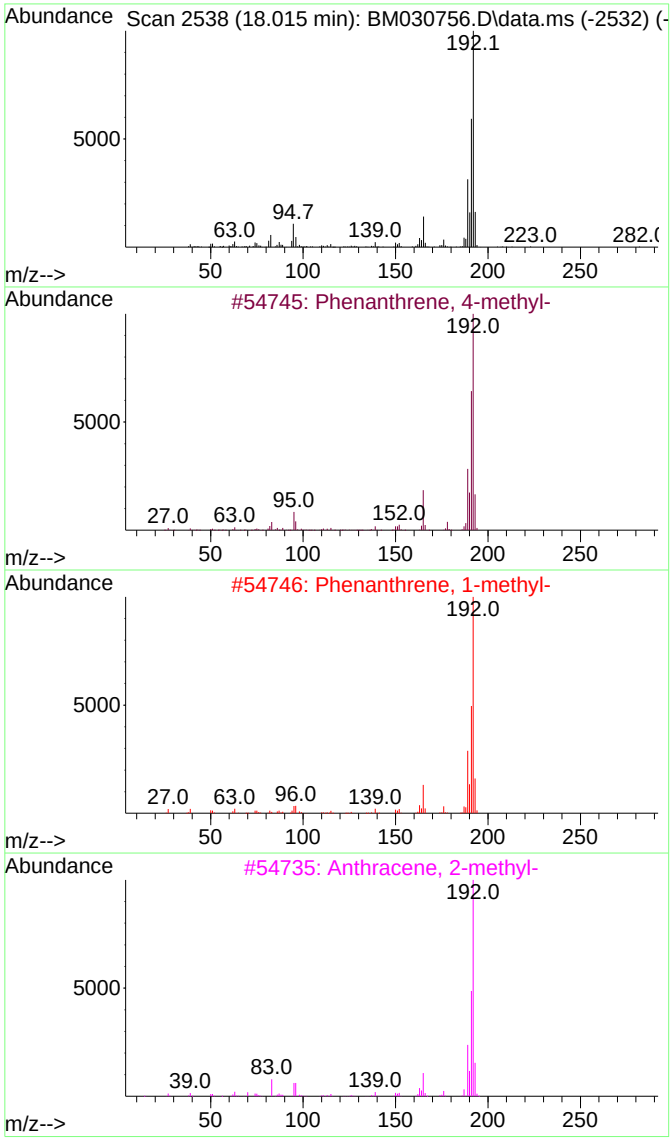
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

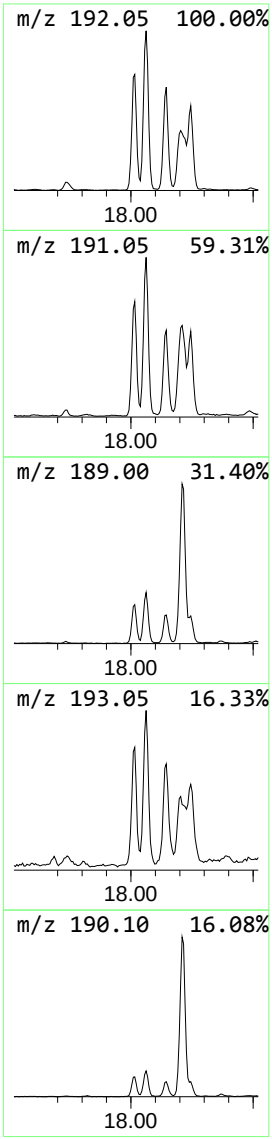
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.020	4.24 ng/ul	367633	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

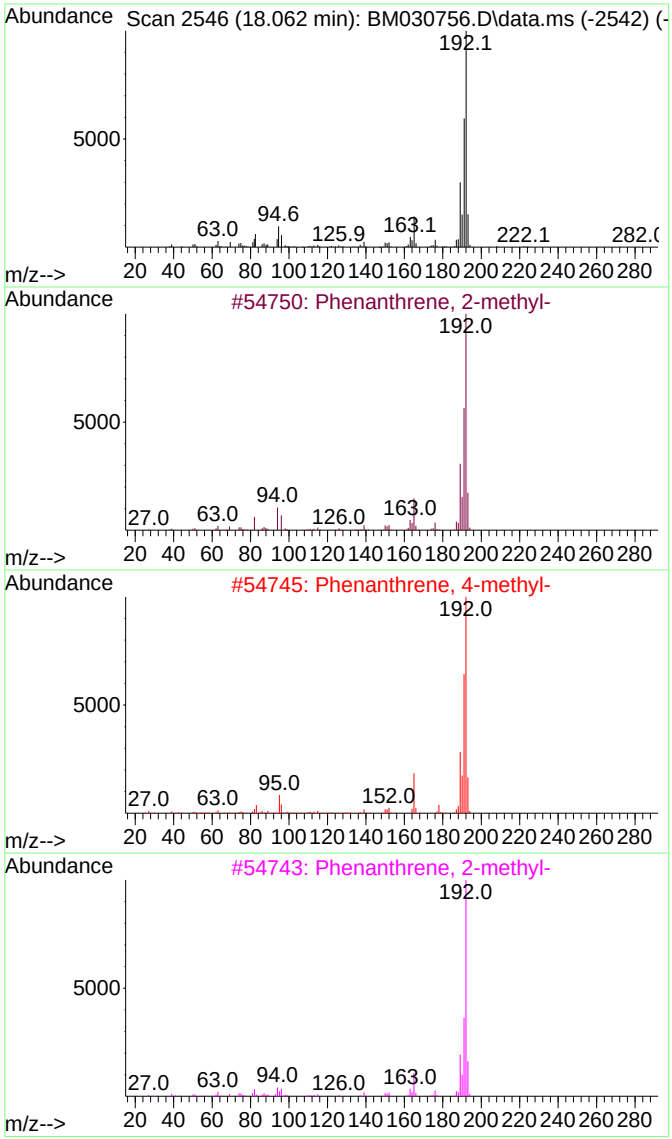
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

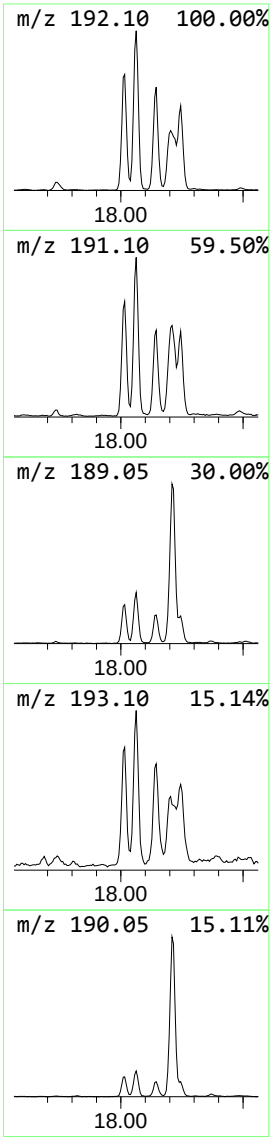
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.060	5.18 ng/ul	448990	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

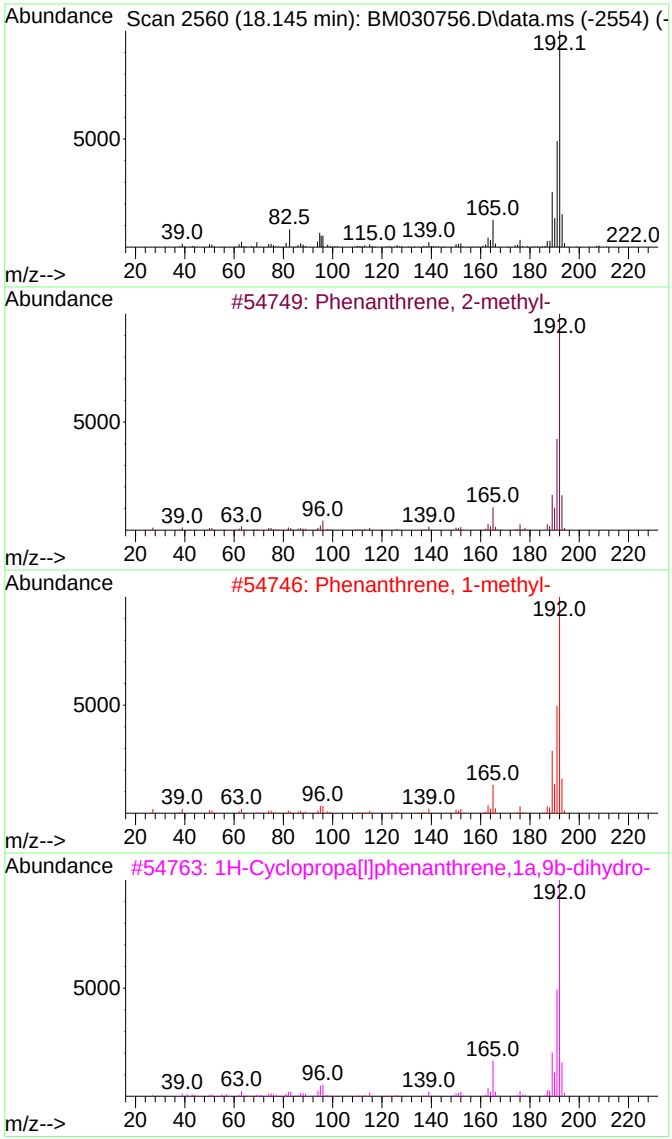
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

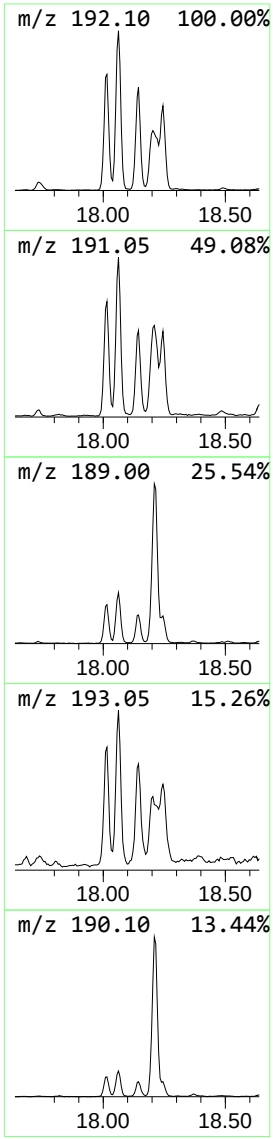
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	3.27 ng/ul	283364	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

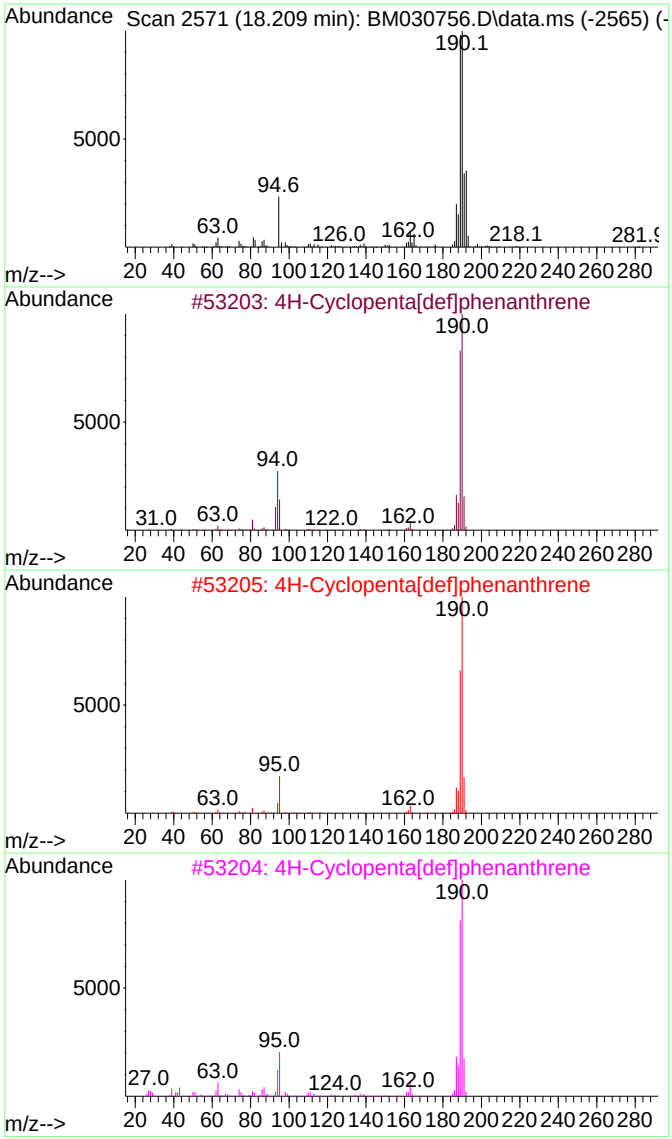
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

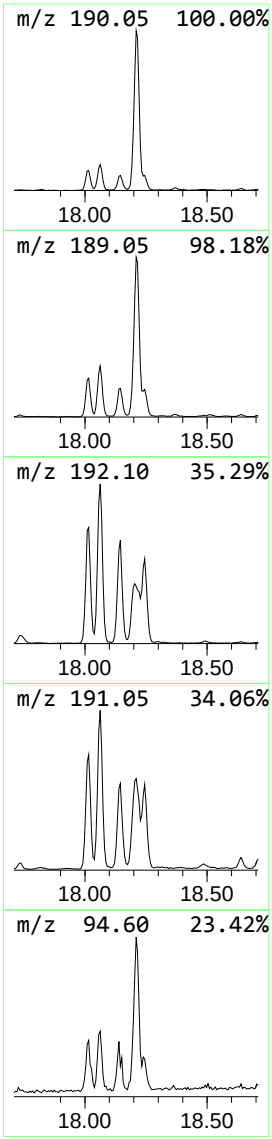
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	8.41 ng/ul	729502	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

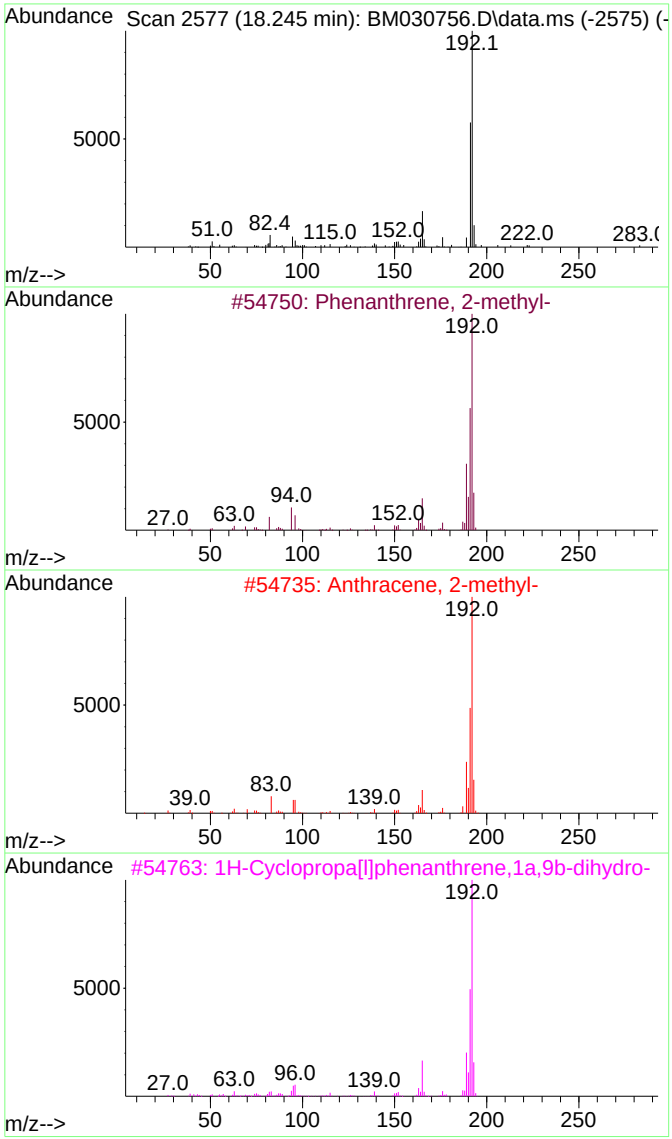
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

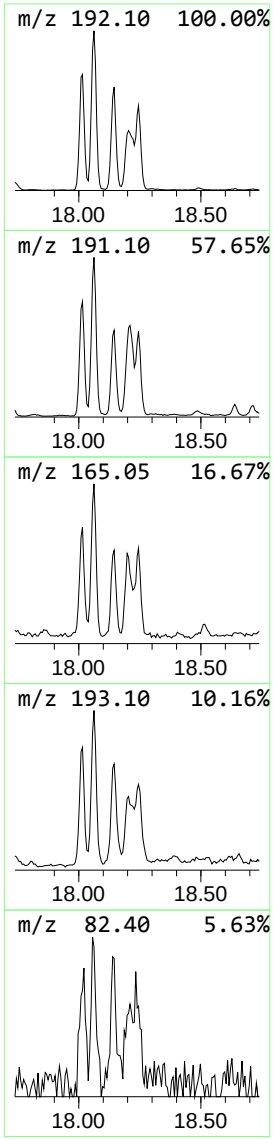
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	2.40 ng/ul	208503	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

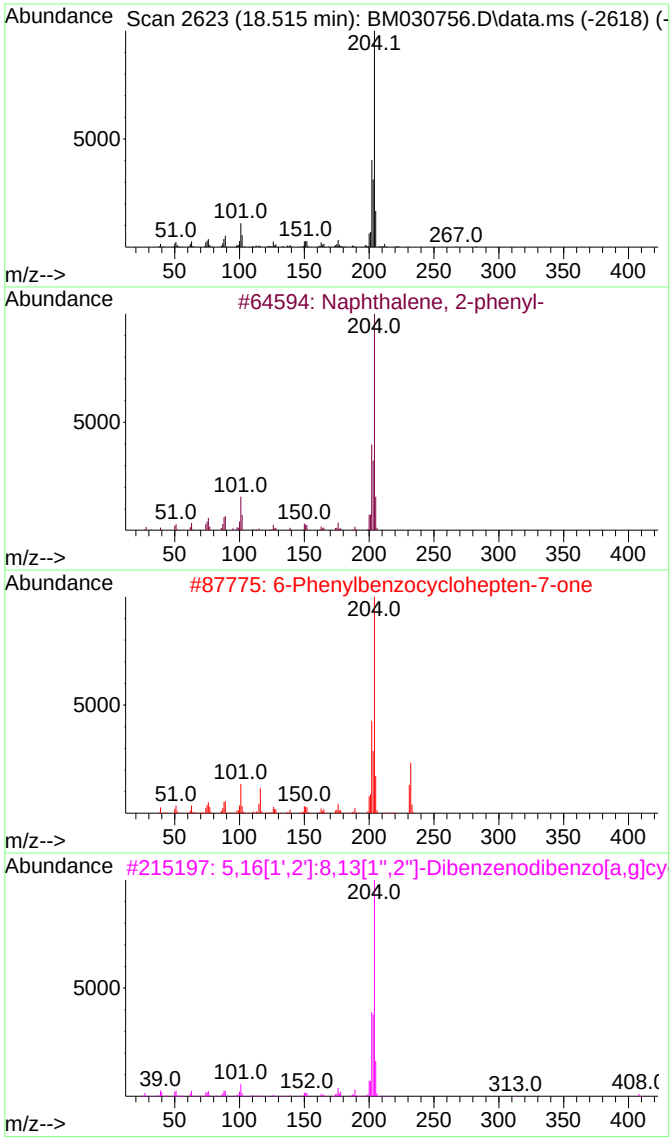
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

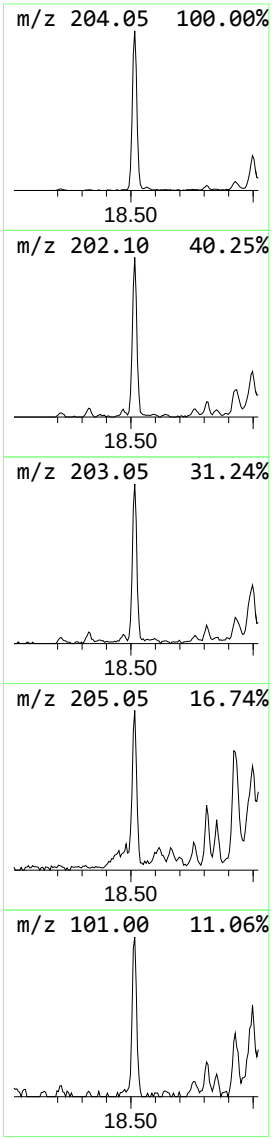
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	2.89 ng/ul	250846	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

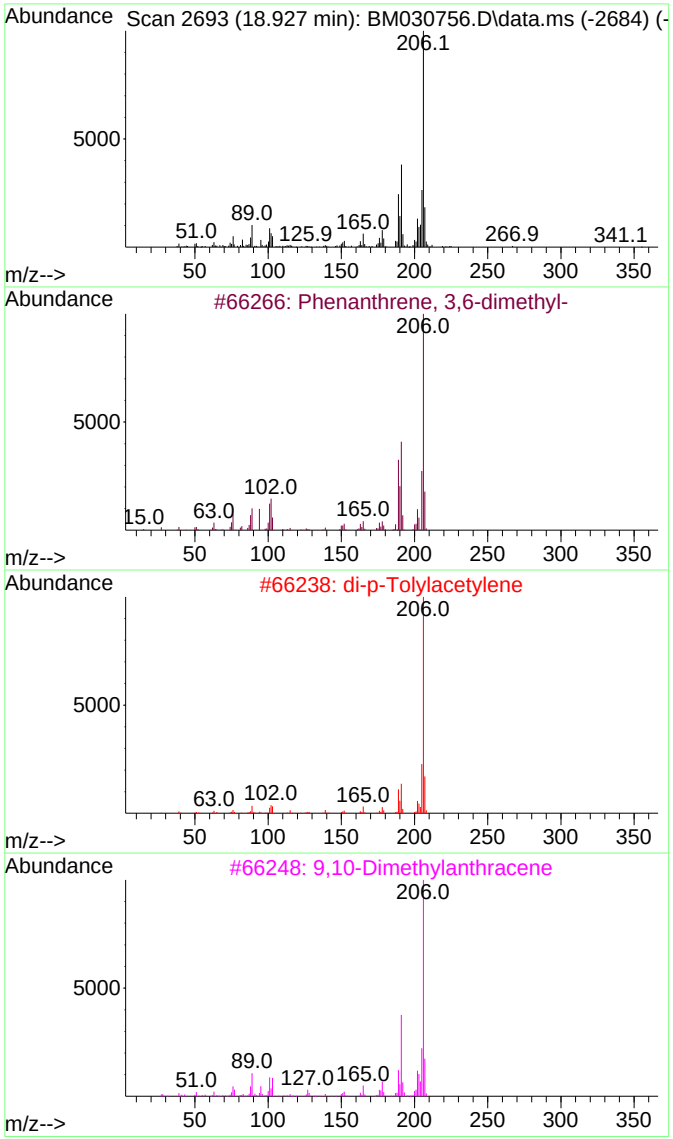
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

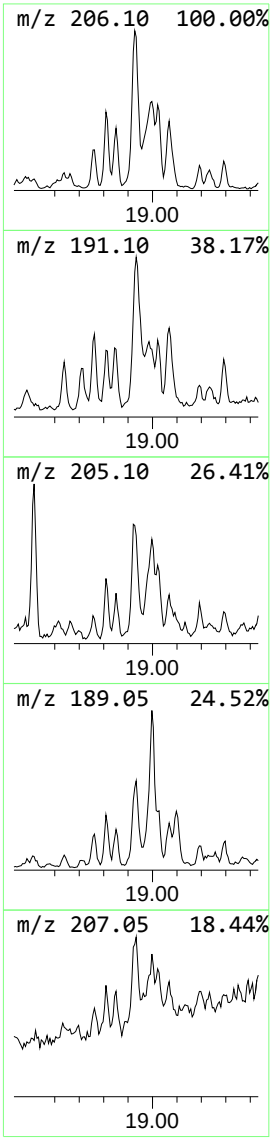
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.930	3.20 ng/ul	277862	Phenanthrene-d10	17.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	92





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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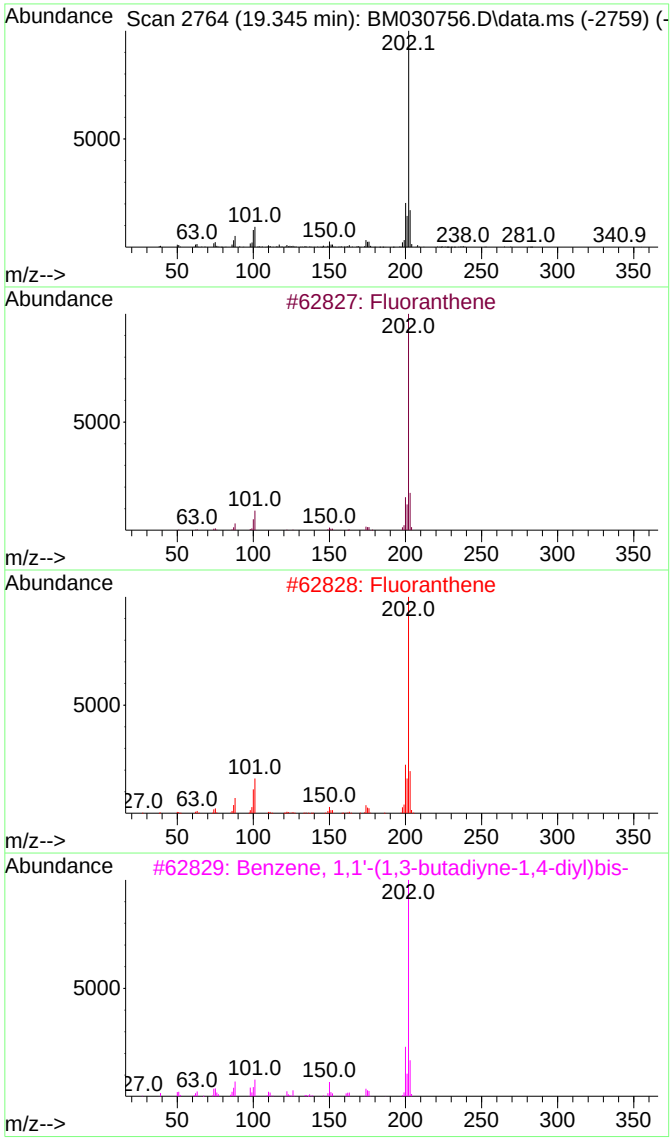
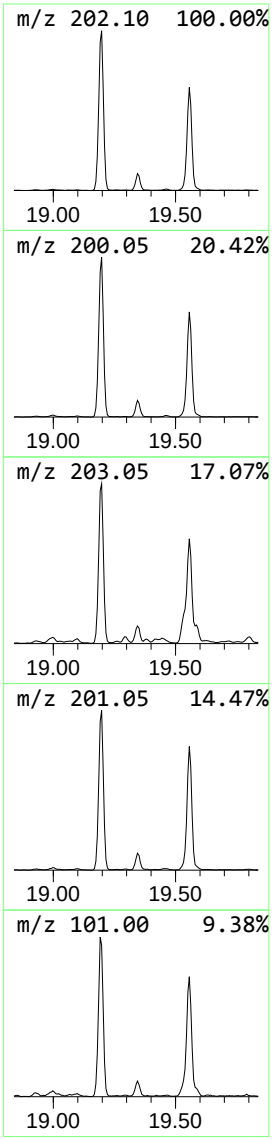
Peak Number 12 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.340	2.13 ng/ul	334678	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
4	Pyrene	202	C16H10	000129-00-0	81
5	Pyrene	202	C16H10	000129-00-0	81





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Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

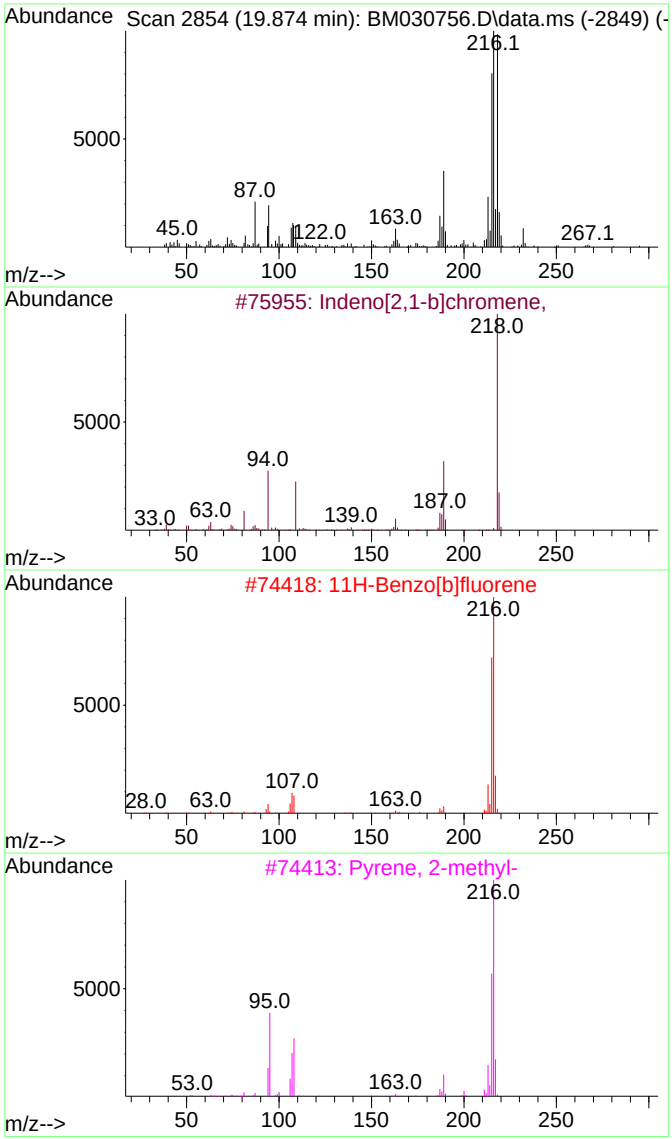
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

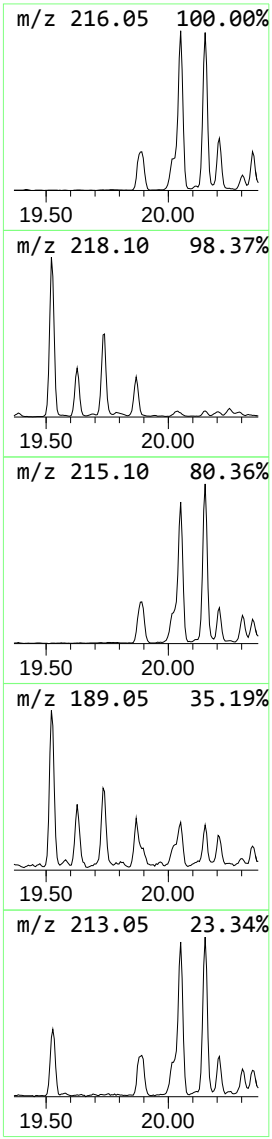
****

Peak Number 13 Indeno[2,1-b]chromene, Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.870	2.27 ng/ul	357070	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	80
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	78
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	50





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Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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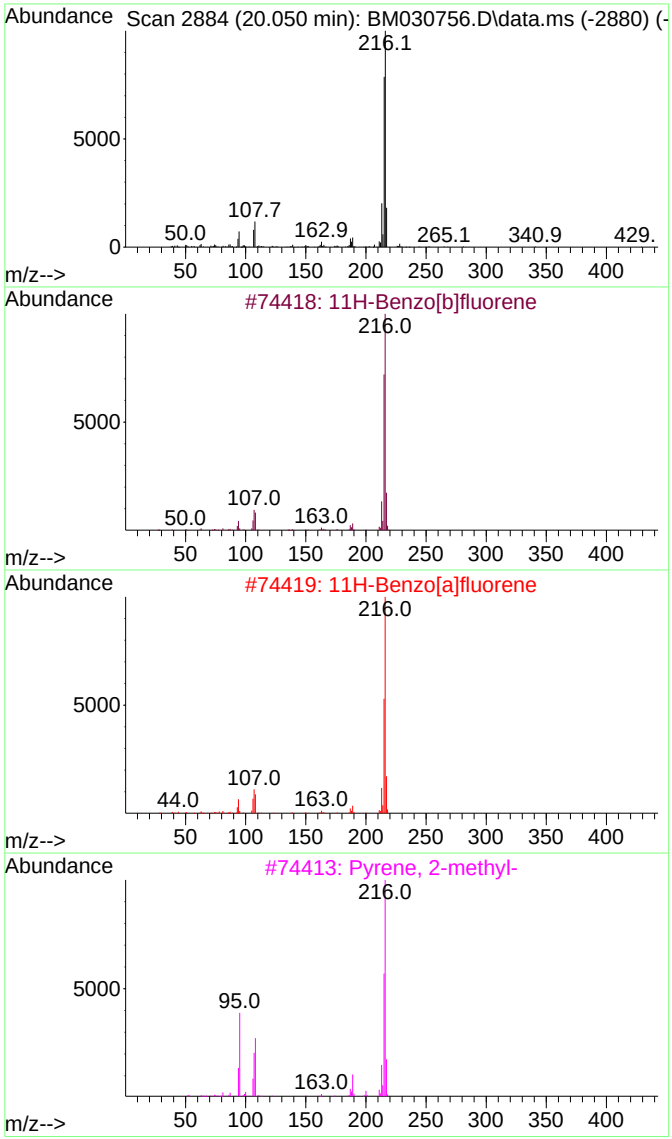
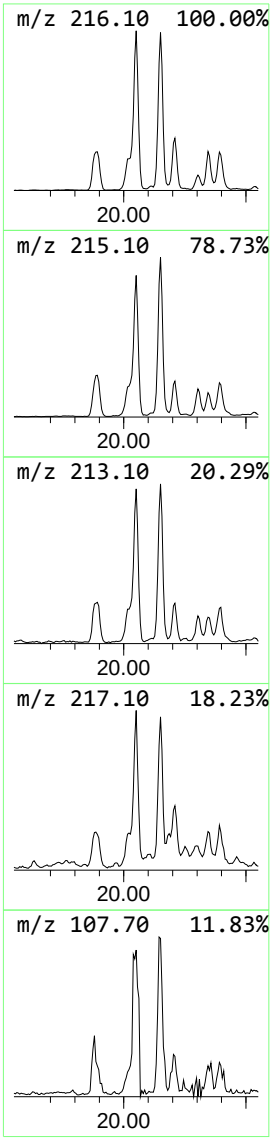
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	4.37 ng/ul	686084	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

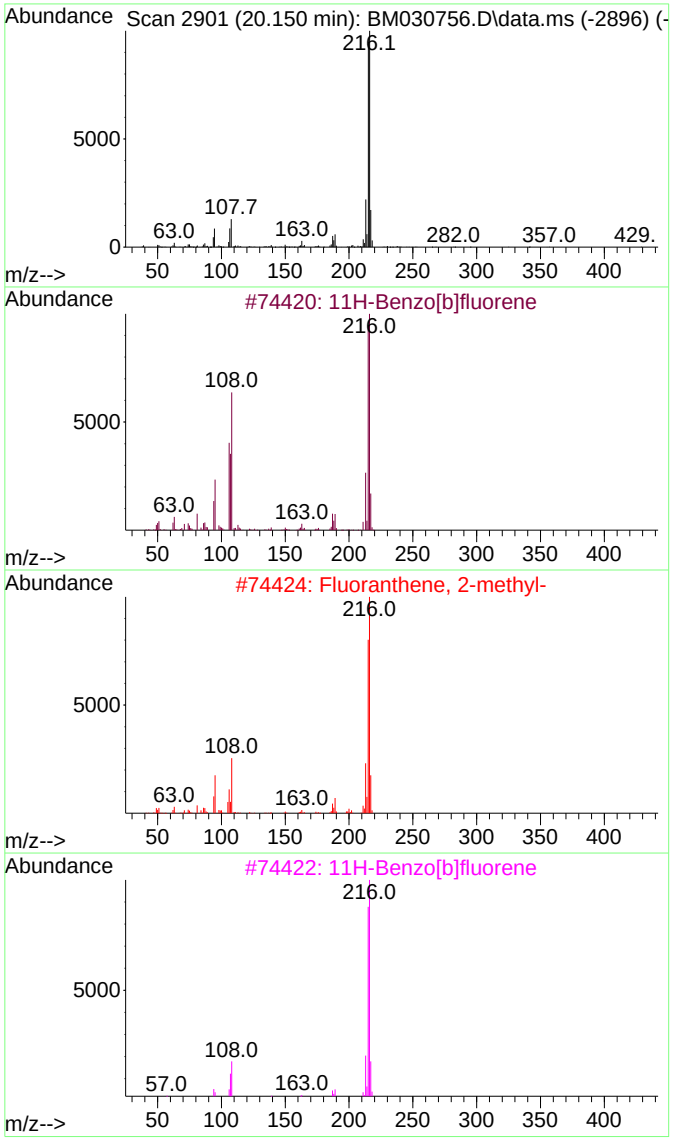
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

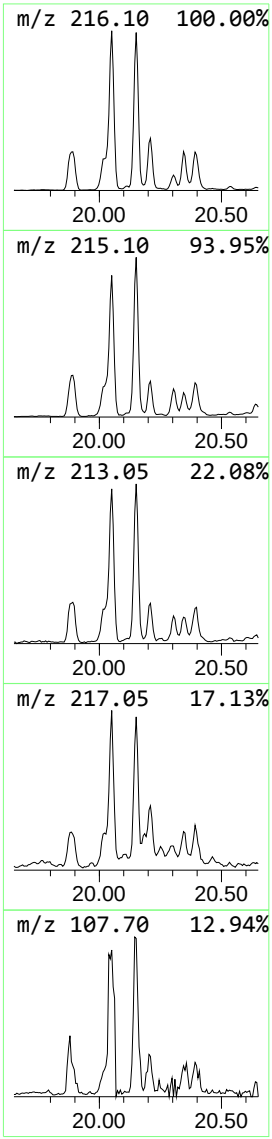
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.150	3.52 ng/ul	552445	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

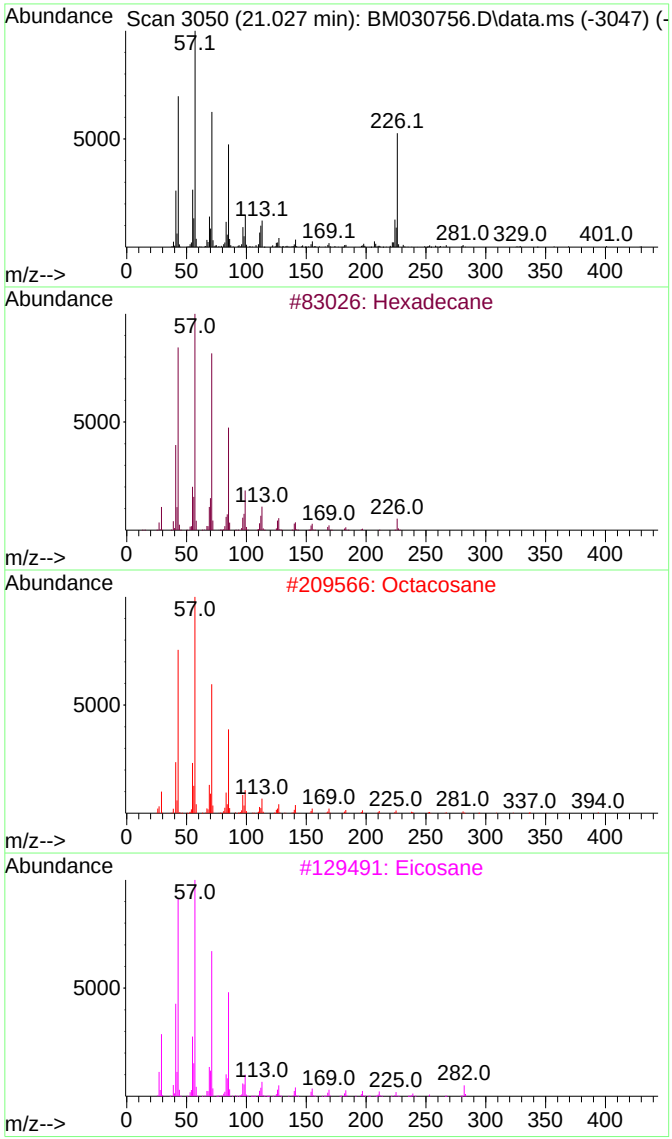
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

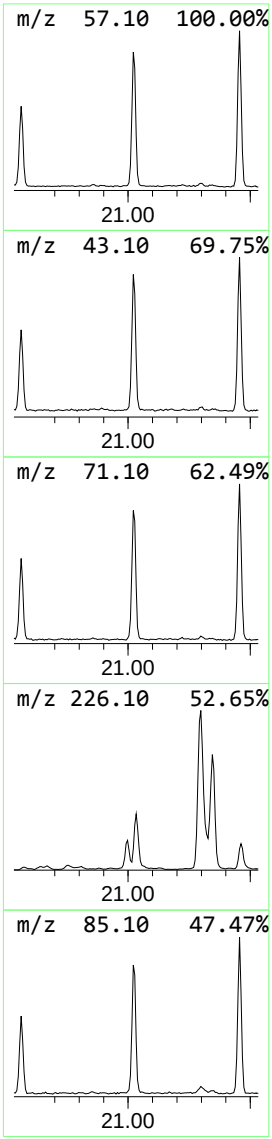
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.030	3.33 ng/ul	522637	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	76
2	Octacosane	394	C28H58	000630-02-4	58
3	Eicosane	282	C20H42	000112-95-8	53
4	Hexacosane	366	C26H54	000630-01-3	52
5	Heneicosane	296	C21H44	000629-94-7	52





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Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

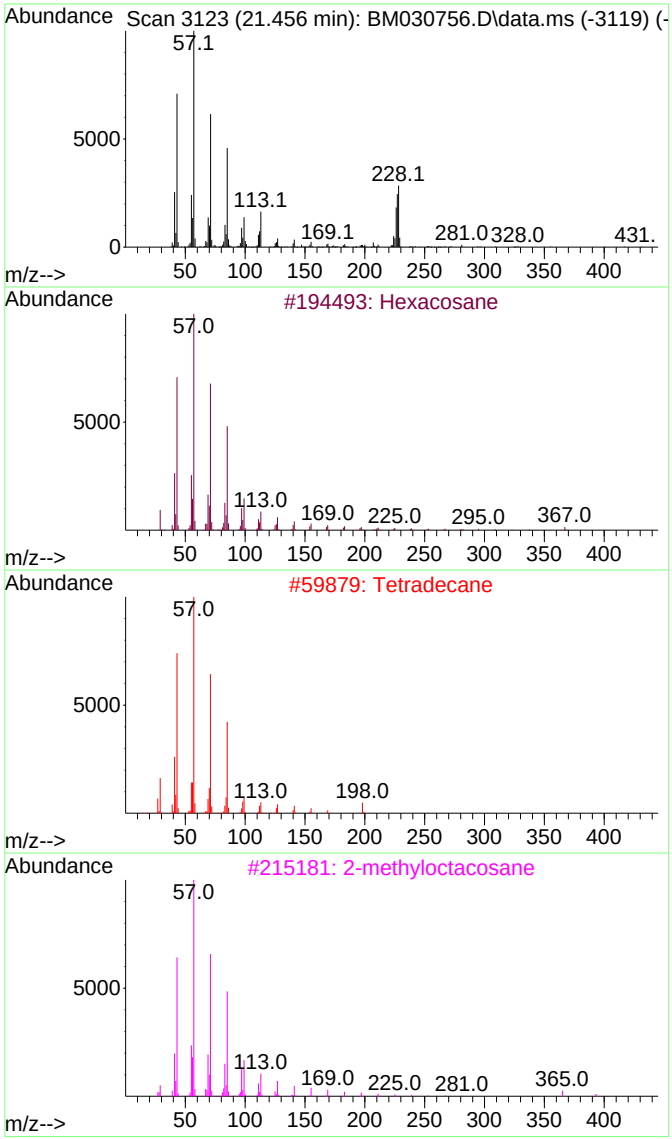
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

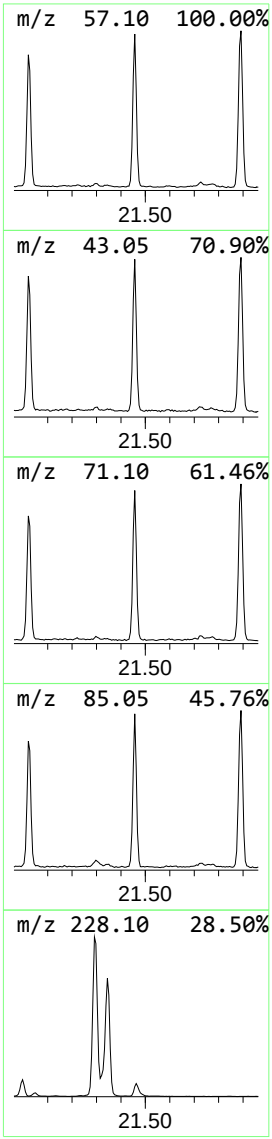
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.460	3.74 ng/ul	587823	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	64
2	Tetradecane	198	C14H30	000629-59-4	58
3	2-methyloctacosane	408	C29H60	1000376-72-8	58
4	Eicosane	282	C20H42	000112-95-8	58
5	Heptacosane	380	C27H56	000593-49-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

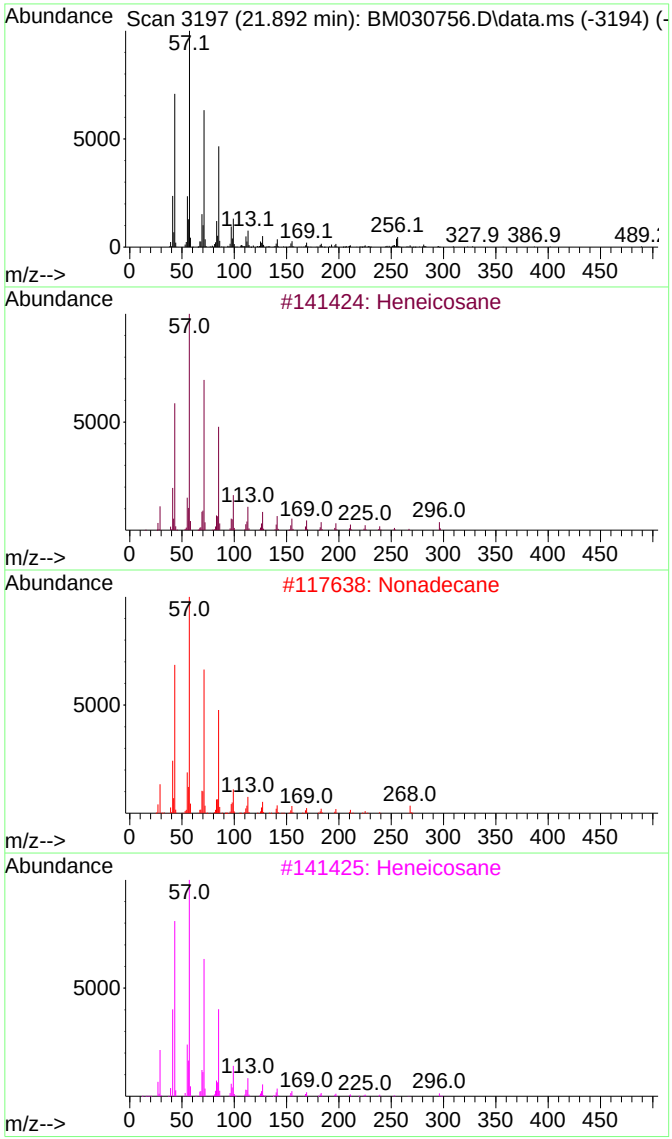
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

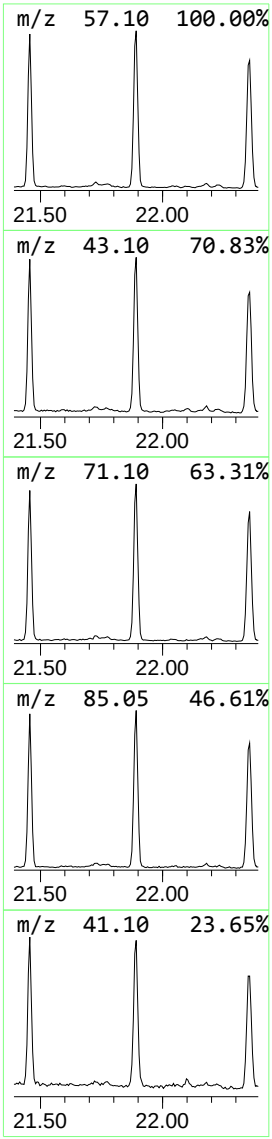
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.890	3.97 ng/ul	623046	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Nonadecane	268	C19H40	000629-92-5	96
3	Heneicosane	296	C21H44	000629-94-7	95
4	Octadecane	254	C18H38	000593-45-3	95
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93





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Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

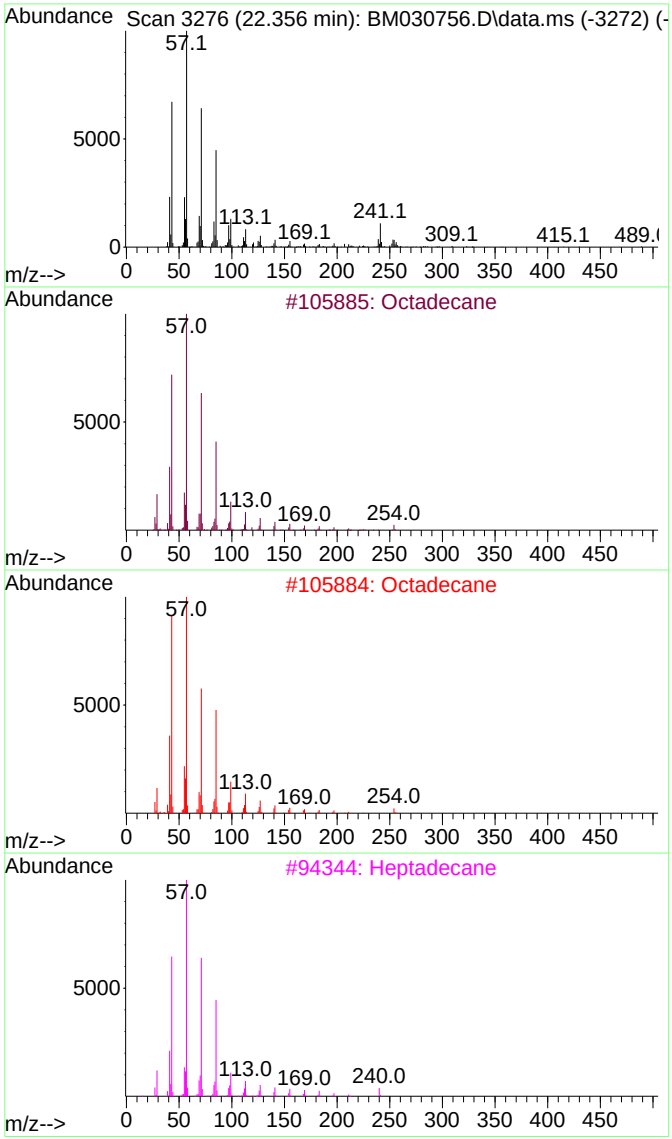
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

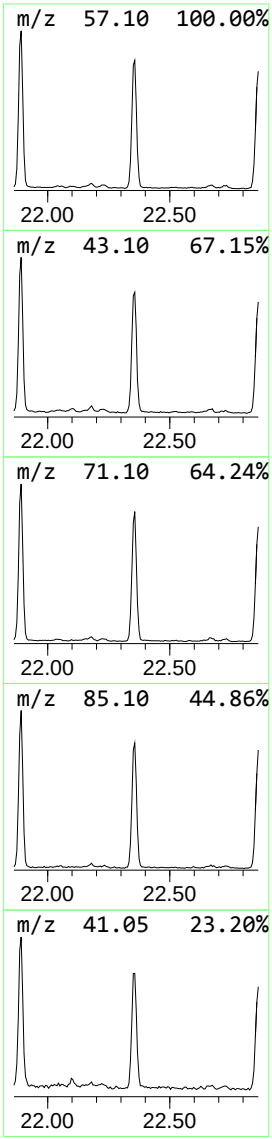
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.360	3.10 ng/ul	487031	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Octadecane	254	C18H38	000593-45-3	97
3	Heptadecane	240	C17H36	000629-78-7	94
4	Octadecane	254	C18H38	000593-45-3	90
5	Eicosane	282	C20H42	000112-95-8	90





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Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

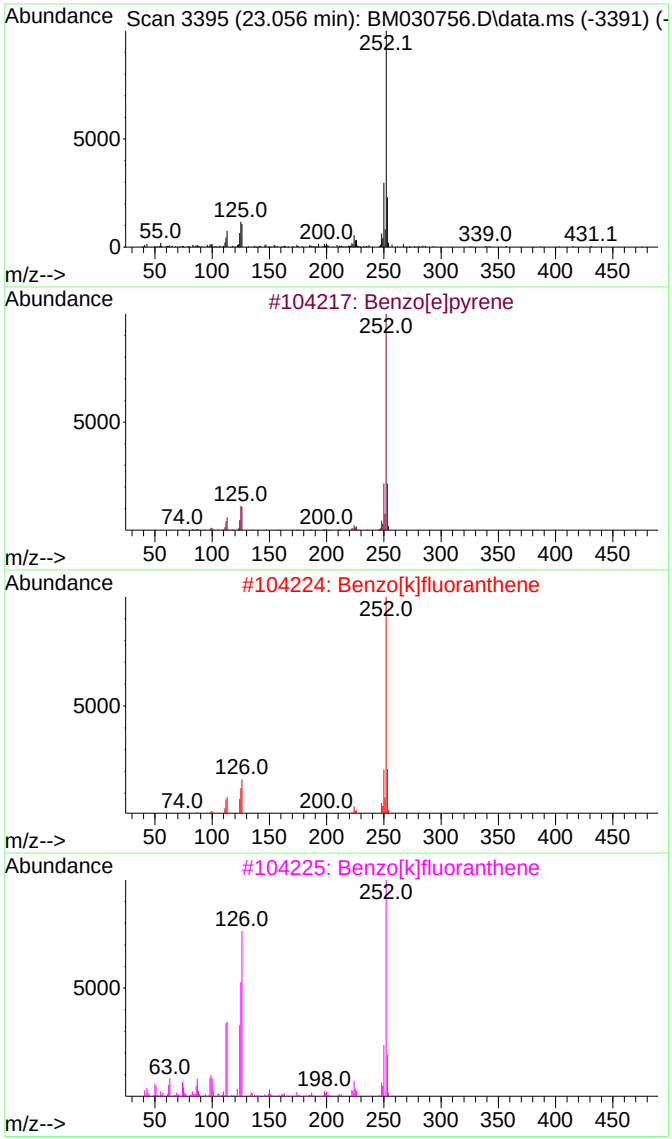
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

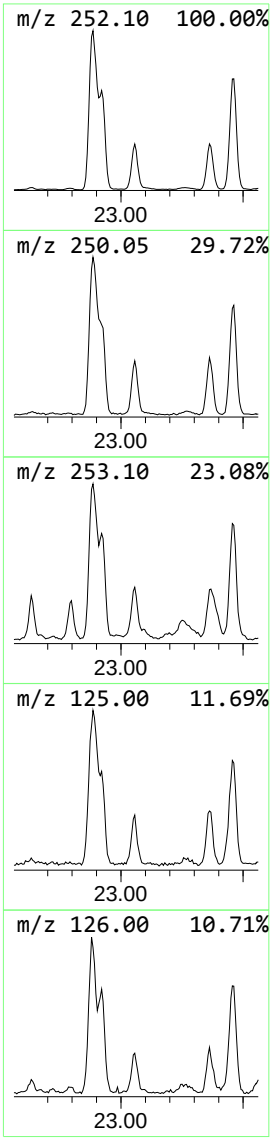
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.060	2.96 ng/ul	213328	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	90





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Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

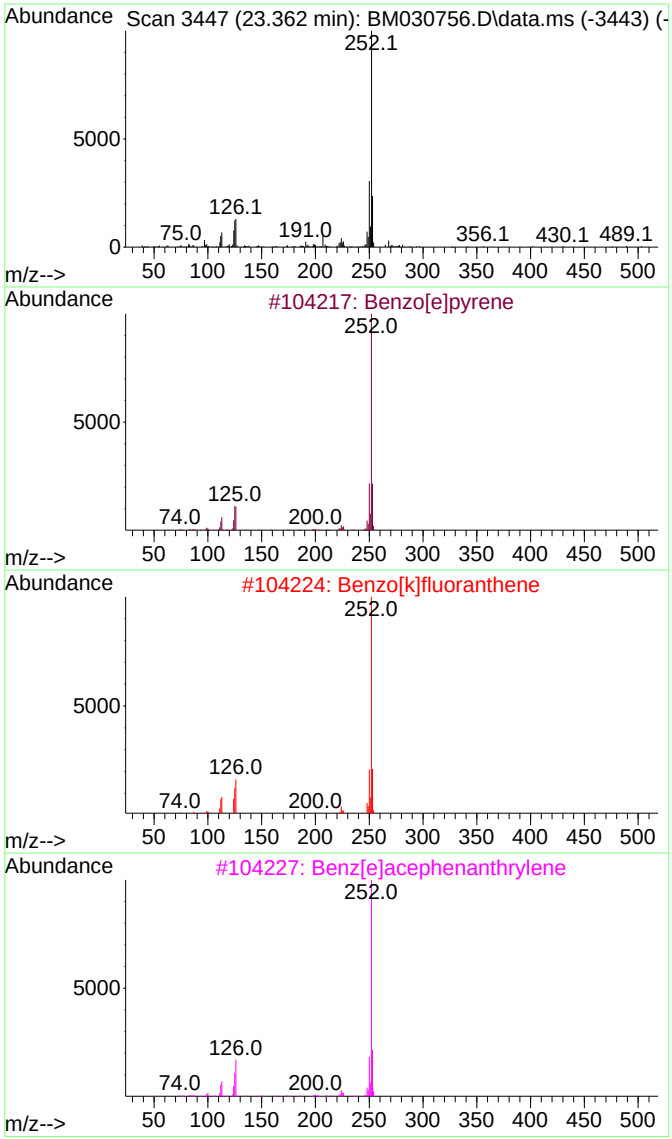
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

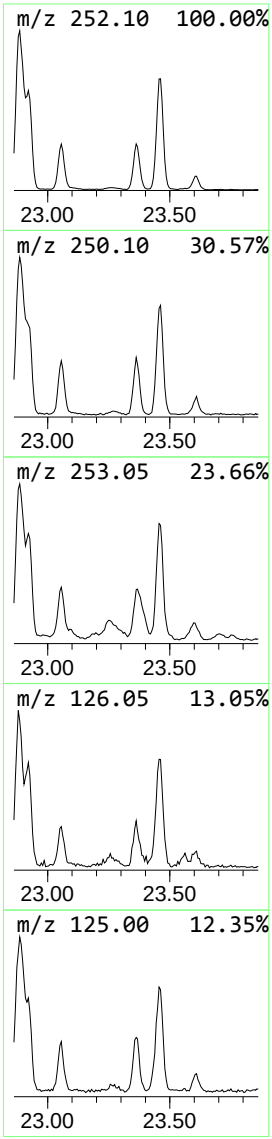
****

Peak Number 21 Perylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.360	3.38 ng/ul	243566	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	96
5	Perylene	252	C20H12	000198-55-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

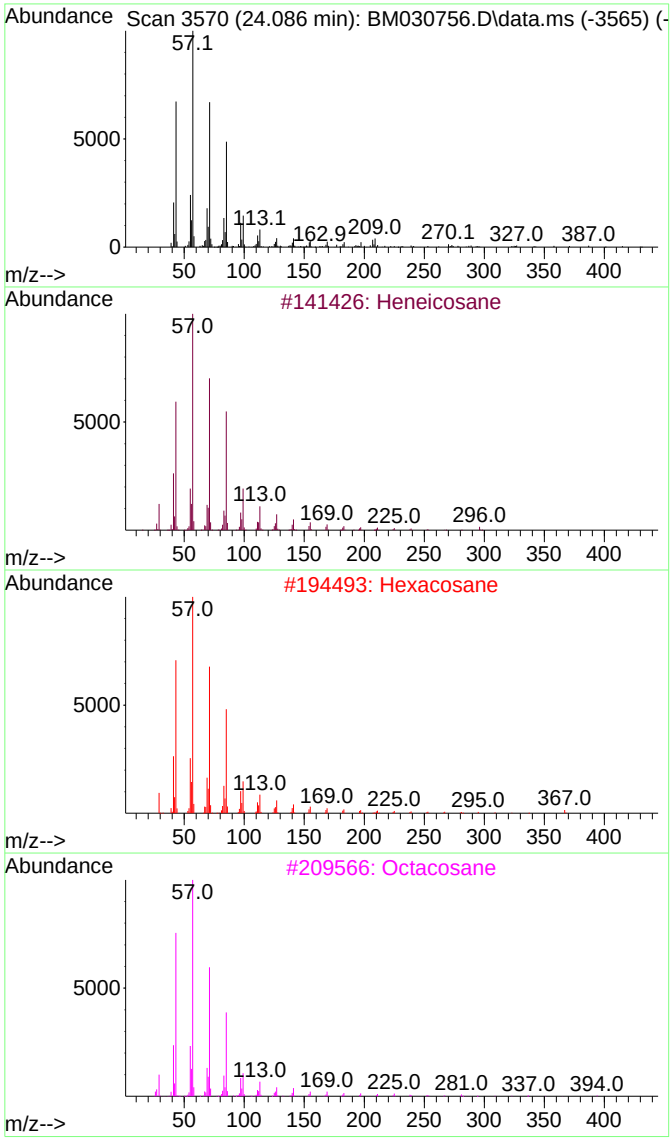
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

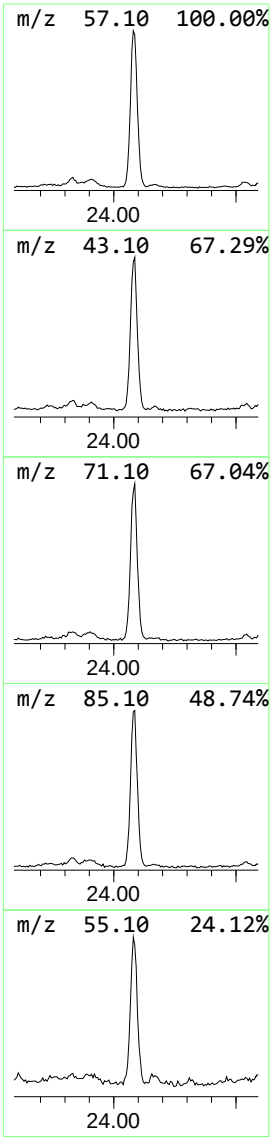
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.090	5.17 ng/ul	372182	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	89
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS2DL

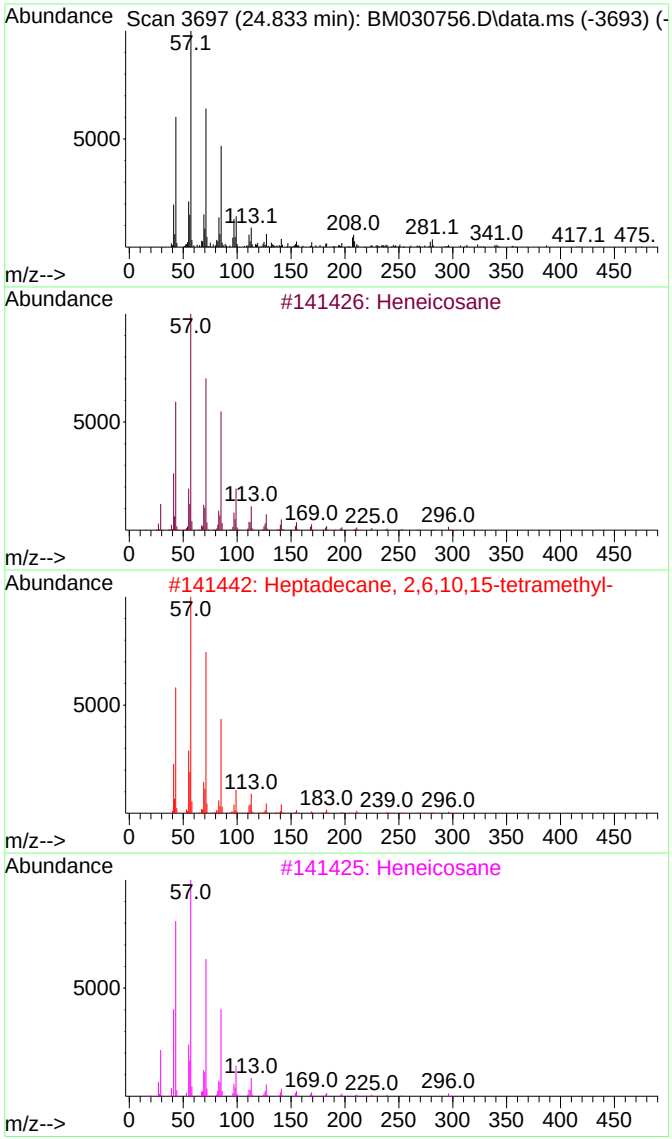
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

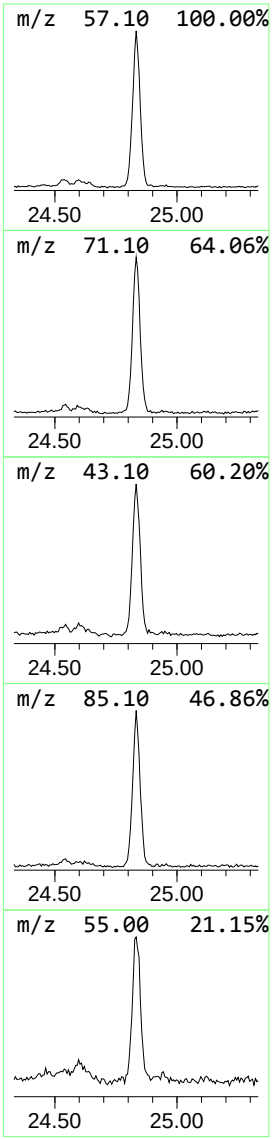
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.830	4.50 ng/ul	324104	Perylene-d12	23.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Heneicosane	296	C21H44	000629-94-7	92
4	Octacosane	394	C28H58	000630-02-4	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030756.D
Acq On : 01 Jul 2021 23:34
Operator : CG/JU
Sample : M2808-11DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
[1,1'-Biphenyl]...	15.740	2.1	ng/ul	149578	3	14.404	1432830	20.0
6H-Dibenzo[b,d]...	15.890	2.7	ng/ul	232931	4	17.139	1735020	20.0
9H-Fluorene, 2-...	16.450	2.3	ng/ul	200768	4	17.139	1735020	20.0
Naphtho[1,2-b]t...	16.960	2.3	ng/ul	201662	4	17.139	1735020	20.0
Phenanthrene, 4...	18.020	4.2	ng/ul	367633	4	17.139	1735020	20.0
Phenanthrene, 2...	18.060	5.2	ng/ul	448990	4	17.139	1735020	20.0
Phenanthrene, 1...	18.140	3.3	ng/ul	283364	4	17.139	1735020	20.0
4H-Cyclopenta[d...	18.210	8.4	ng/ul	729502	4	17.139	1735020	20.0
Anthracene, 2-m...	18.240	2.4	ng/ul	208503	4	17.139	1735020	20.0
Naphthalene, 2-...	18.520	2.9	ng/ul	250846	4	17.139	1735020	20.0
Phenanthrene, 3...	18.930	3.2	ng/ul	277862	4	17.139	1735020	20.0
unknown-01	19.340	2.1	ng/ul	334678	5	21.309	3140300	20.0
Indeno[2,1-b]ch...	19.870	2.3	ng/ul	357070	5	21.309	3140300	20.0
11H-Benzo[b]flu...	20.050	4.4	ng/ul	686084	5	21.309	3140300	20.0
Fluoranthene, 2...	20.150	3.5	ng/ul	552445	5	21.309	3140300	20.0
(DEL) Alkane: S...	21.030	3.3	ng/ul	522637	5	21.309	3140300	20.0
(DEL) Alkane: S...	21.460	3.7	ng/ul	587823	5	21.309	3140300	20.0
(DEL) Alkane: S...	21.890	4.0	ng/ul	623046	5	21.309	3140300	20.0
(DEL) Alkane: S...	22.360	3.1	ng/ul	487031	5	21.309	3140300	20.0
Benzo[e]pyrene	23.060	3.0	ng/ul	213328	6	23.562	1439380	20.0
Perylene	23.360	3.4	ng/ul	243566	6	23.562	1439380	20.0
(DEL) Alkane: S...	24.090	5.2	ng/ul	372182	6	23.562	1439380	20.0
(DEL) Alkane: S...	24.830	4.5	ng/ul	324104	6	23.562	1439380	20.0